

NATHAN E. BUSCH

Department of Government
Christopher Newport University
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PRIMARY INTERESTS

I am actively interested in international relations, U.S. national security, and political theory. I am also interested in critical scholarly debates over the relative risks of nuclear weapons proliferation. My current research focuses on issues related to nuclear security, terrorism, and homeland security.

CURRENT POSITIONS

Professor of Government, Christopher Newport University (2014–Present)

Co-Director, Center for American Studies (CAS), Christopher Newport University (2007–Present)

Visiting Faculty, National Security Office, Los Alamos National Laboratory (2009–Present)

EDUCATION

University of Toronto, Ph.D., 2001

Major field: International relations

Minor field: Political theory

Dissertation: “Assessing the Optimism-Pessimism Debate: Nuclear Proliferation, Nuclear Risks, and Theories of State Action.”

Michigan State University, M.A., 1997

Major: Political science

University of Toronto, B.A. with high distinction, 1995

Major: Political science

Rice University, 1990–1992

PREVIOUS POSITIONS

2007–2014 *Associate Professor of Political Science, Department of Government, Christopher Newport University*

2004–2007 *Assistant Professor of Political Science, Department of Government, Christopher Newport University*

2001–2004 *Visiting Assistant Professor, Department of International Affairs, and Senior Research Associate, Center for International Trade and Security, University of Georgia*

2000–2001 *Research Fellow, Belfer Center for Science and International Affairs, Kennedy School of Government, Harvard University*

1998–1999 *Graduate Research Assistant, Nonproliferation and International Security Division, Los Alamos National Laboratory*

PUBLICATIONS

Books

Nathan E. Busch and Joseph F. Pilat, *The Politics of Weapons Inspections: Assessing WMD Monitoring and Verification Regimes* (forthcoming, Stanford University Press, 2016).

Joseph F. Pilat and Nathan E. Busch, eds., *The Routledge Handbook of Nuclear Proliferation and Policy* (Routledge, 2015).

Nathan E. Busch and Austen D. Givens, *The Business of Counterterrorism: Public-Private Partnerships in Homeland Security* (Peter Lang, 2014).

Nathan E. Busch and Daniel H. Joyner, eds., *Combating Weapons of Mass Destruction: The Future of International Nonproliferation Policy* (University of Georgia Press, 2009).

Nathan E. Busch, *No End in Sight: The Continuing Menace of Nuclear Proliferation* (University Press of Kentucky, 2004).

- Profiled in the *Chronicle of Higher Education*, September 3, 2004.
- Second publishing in India (Manas Publications, 2005)

Refereed Journal Articles

Nathan E. Busch and Joseph F. Pilat, "South African Rollback: Revisiting Monitoring and Verification Lessons after 20 Years," *Comparative Strategy*, Vol. 32, No. 2 (July 2014), pp. 236–261.

Nathan E. Busch and Austen D. Givens, "Achieving Resilience in Disaster Management: The Role of Public-Private Partnerships," *Journal of Strategic Security*, Vol. 6, No. 2 (Summer 2013), pp. 1–19.

Austen D. Givens and Nathan E. Busch, "Information Sharing and Public-Private Partnerships: The Impact on Homeland Security," *Homeland Security Review*, Vol. 7, No. 2 (Summer 2013), pp. 123–150.

Austen D. Givens and Nathan E. Busch, "Integrating Federal Approaches to Post-Cyber Incident Mitigation," *Journal of Homeland Security and Emergency Management*, Vol. 10, No. 1 (July 2013), pp. 1–28.

Nathan E. Busch and Joseph F. Pilat, "Disarming Libya? A Reassessment after the Arab Spring," *International Affairs*, Vol. 89, No. 2 (March 2013), pp. 451–475.

Austen D. Givens and Nathan E. Busch, "Realizing the Promise of Public-Private Partnerships in Critical Infrastructure Protection," *International Journal of Critical Infrastructure Protection*, Vol. 6, No. 1 (March 2013), pp. 39–50.

Nathan E. Busch and Austen D. Givens, "Public-Private Partnerships in Homeland Security: Opportunities and Challenges," *Homeland Security Affairs*, Vol. 8, Article 18 (October 2012), pp. 1–23.

Joseph F. Pilat and Nathan E. Busch, "WMD Monitoring and Verification Regimes: Lessons from Iraq," *Contemporary Security Policy*, Vol. 32, No. 2 (August 2011), pp. 401–431.

Nathan E. Busch, "International Duties and Natural Law: A Comparison of Grotius and Plato," *Interpretation: A Journal of Political Philosophy*, Vol. 35, No. 2 (Summer 2008), pp. 153–182.

Nathan E. Busch and James R. Holmes, "The 'Human Factor' and the Problem of Nuclear Security in Russia," *Perspectives on Political Science*, Vol. 34, No. 3 (Summer 2005), pp. 154–161.

Nathan E. Busch, "Risks of Nuclear Terror: Vulnerabilities of Thefts and Sabotage at Nuclear Weapons Facilities," *Contemporary Security Policy*, Vol. 23, No. 3 (December 2002), pp. 19–60.

Nathan E. Busch, "China's Fissile Material Protection, Control, and Accounting: The Case for Renewed Collaboration," *The Nonproliferation Review*, Vol. 9, No. 3 (Fall/Winter 2002), pp. 89–106.

Nathan E. Busch, "Russian Roulette: The Continuing Relevance of Russia to the Nuclear Proliferation Debate," *Security Studies*, Vol. 11, No. 3 (Spring 2002), pp. 44–90.

Chapters in Refereed Books

Joseph F. Pilat and Nathan E. Busch, "Nuclear Proliferation: A Future Unlike the Past?" in Pilat and Busch, *Routledge Handbook of Nuclear Proliferation & Policy* (2015).

Nathan E. Busch and Daniel H. Joyner, "Proliferation at a Crossroads," in Busch and Joyner, eds., *Combating Weapons of Mass Destruction* (University of Georgia Press, 2009).

Nathan E. Busch and James R. Holmes, "Russia's Security Culture," in Busch and Joyner, eds., *Combating Weapons of Mass Destruction* (University of Georgia Press, 2009).

Nathan E. Busch, "Command and Control and the Nuclear Posture Review," in James J. Wirtz and James Russell, eds., *Nuclear Transformation: The New U.S. Nuclear Doctrine* (Palgrave-Macmillan, June 2005), pp. 105–118.

Book Reviews

Derek D. Smith, *Deterring America: Rogue States and the Proliferation of Weapons of Mass Destruction* (Cambridge University Press, 2006). In *Contemporary Security Policy*, vol. 28, no. 2 (December 2007).

Jacques E.C. Hymans, *The Psychology of Nuclear Proliferation: Identity, Emotions, and Foreign Policy* (Cambridge University Press, 2006). In *National Identities*, vol. 9, no. 1 (March 2007).

Reports and Other Publications

Nathan E. Busch and Joseph F. Pilat, "Verifying South Africa's Nuclear Rollback" Los Alamos National Laboratory Unclassified Report, May 2014.

Nathan E. Busch and Joseph F. Pilat, "Monitoring and Verification in Libya," Los Alamos National Laboratory Unclassified Report, May 2012.

Nathan E. Busch, "America's Security," commissioned piece for *First Principles*, Web Journal of the Intercollegiate Studies Institute, January 2010.

Philip Dmitrov, Nathan E. Busch, and Tatiana Rizova, "Russia's True Intentions Revealed," op-ed, *The European Voice*, October 10, 2008.

Joseph F. Pilat and Nathan E. Busch, "Monitoring and Verification in Iraq," Los Alamos National Laboratory Unclassified Report, August 2007.

Nathan E. Busch, "We Must Stay Strong on Iran," op-ed, *Daily Press* (Norfolk), November 11, 2004.

Nathan Busch, Maria Katsva, Igor Khripunov, and Dmitriy Nikonov, "The Human Factor and Security Culture: Challenges to Safeguarding Fissile Materials in Russia," *CITS Occasional Paper* (Athens, GA: University of Georgia, November 2002).

Nathan Busch and Igor Khriponov, "Russia Needs to Make Nuclear Facilities Safer," op-ed, *Atlanta Journal-Constitution*, September 10, 2002.

Nathan Busch, "MPC&A: The First Step in Countering Nuclear Terrorism," *The Monitor: International Perspectives on Nonproliferation*, vol. 8, no. 1 (Winter 2002), pp. 15–20.

Nathan Busch, "Nuclear Insecurity in a Troubled World," op-ed, *Virginian-Pilot* (Norfolk), Feb. 4, 2002.

Peter W. Singer and Nathan E. Busch, "National Missile Defense: What Should the United States Do Now?" *Proceedings of the Harvard International Affairs Colloquium* (May 2001).

Nathan Busch, "After the Fall: The Soviet Collapse and Russian Nuclear Controls," Los Alamos National Laboratory Unclassified Report, July 1999.

Nathan Busch, "China's Controls over its Nuclear Arsenal and Fissile Material Stockpile," Los Alamos National Laboratory Report, May 1999.

Nathan Busch, "China's Fissile Material Protection, Control, and Accounting: The Case for Increased Collaboration," Los Alamos National Laboratory Report, May 1999.

Works in Progress

Joseph F. Pilat and Nathan E. Busch, *Cooperative Threat Reduction: A New Model for Arms Control?* (manuscript in preparation for submission to Johns Hopkins University Press)

Austen D. Givens and Nathan E. Busch, *A Very Short Introduction to Homeland Security* (manuscript in preparation for submission to Oxford University Press).

SELECTED ACADEMIC CONFERENCES / LECTURES

"On Founding and Directing an Academic Center," invited lecture (with Elizabeth Kaufer Busch), Jack Miller Center Summer Workshop, Charlottesville, VA, July 18, 2013.

"Reassessing the South Africa's Nuclear Disarmament," (co-authored with Joseph Pilat), Midwest Political Science Association, April 2013.

"Monitoring and Verification in Libya," (co-authored with Joseph Pilat), American Political Science Association Annual Convention, August 30–September 2, 2012

"Disarming Libya?: The Implications of the 2011 CW Discovery in Libya," invited lecture, Los Alamos National Laboratory, March 12, 2012.

"Kill the Sons of Brutus: Machiavelli, Regime Change, and the Arab Spring," (Co-authored with James R. Holmes), Midwest Political Science Association, April 2, 2011.

"Justice and Necessity in Thucydides' Melian Dialogue," CNU's Annual Interdisciplinary Panel on "The Morality of Statesmanship," November 3, 2011.

"Michael Walzer and Just War Theory," in Just War and International Justice in the Age of Terrorism, CNU Honors Colloquium, March 23, 2010.

"Machiavelli on Regime Change: How to Found a Republic when the Populace is Corrupt," CNU's Annual Interdisciplinary Conference, November 2, 2007.

"Verification and Inspection Regimes: Lessons Learned," (Co-authored with Joseph Pilat), American Political Science Association Annual Convention, August 30–September 2, 2007.

Participant in the Miller Summer Institute on the American Founding, University of Colorado, August 8–11, 2007 (by invitation, expenses paid).

"The Iranian Nuclear Crisis," invited lecture, Emory University, February 22, 2007.

Participant in the Lehrman Summer Institute for teaching in the liberal arts, Princeton University, June 19–July 1, 2006 (by invitation, expenses paid).

“Nuclear Proliferation and the United Nations,” Keynote Speaker, CNU Model United Nations Conference, March 24, 2006.

“Nuclear Proliferation and the United Nations,” Keynote Speaker, United Nations Association of the Peninsula, March 10, 2005.

“The North Korean Nuclear Crisis,” brown bag lecture series, College of William and Mary, Oct. 8, 2004.

“Untangling Facts, Fictions, and Conspiracies: What Really Happened to Iraq’s WMDs?,” invited lecture, sponsored by the Honors Program and Politics and Law Society, Berry College, March 11, 2004.

“Command and Control and the Nuclear Posture Review,” paper delivered at *Implementing the Nuclear Posture Review*, Naval Postgraduate School, Monterey, CA, September 17–19, 2003.

“Prospects of Nuclear Proliferation,” invited lecture, Oxford College of Emory University, Sept. 15, 2003.

“U.S. Foreign Policy after 9/11,” lecture given at *9/11 + 2*, distinguished panel discussion sponsored by the International Affairs Committee and the UGA Law School, University of Georgia, September 11, 2003.

“The Nuclear Nonproliferation Regime,” instructor in the 2003 Summer Nonproliferation Institute, University of North Carolina at Asheville, June 28–29, 2003.

“Nuclear Security Culture as a Tool of Material Protection, Control, and Accounting in Russia,” paper presented at the INMM regional chapter meeting, Oak Ridge, TN, April 29, 2003, coauthored.

“Risks of Nuclear Terror,” paper presented at the Annual Meeting of the American Political Science Association, Boston, MA, August 29–September 1, 2002.

“Russian ‘Loose Nukes’ and Nuclear Terrorism,” invited lecture, Berry College, March 14, 2002.

“Osama Bin Laden and Nuclear Terrorism,” invited lecture, University of Georgia, December 7, 2001.

“International Security and Thefts of Nuclear Materials,” guest lecturer, Oxford College of Emory University, October 7, 2001.

“Assessing the Optimism-Pessimism Debate: Lessons from South Asia,” International Security Program seminar series, Harvard University, March 16, 2001.

“Nuclear Proliferation, Nuclear Risks, and Theories of State Action,” invited lecture, University of Georgia, February 16, 2001.

“The Controls over Nuclear Arsenals and Fissile Materials in Nuclear Weapons States,” Managing the Atom Project seminar series, Harvard University, October 31, 2000.

“What the Proliferation Debate Has Ignored: Command and Control, MPC&A, and the Case of China,” paper presented at the International Studies Association Convention, Los Angeles, CA, March 14–18, 2000.

“Nuclear Proliferation and International Stability,” lecture, Los Alamos National Laboratory, Jan. 1999.

“Human Sociality and International Law,” paper presented at the Annual Meeting of the American Political Science Association, Boston, MA, September 3–6, 1998.

MEDIA AND PUBLIC OUTREACH

Radio interview, *With Good Reason*, National Public Radio, February 27, 2016.

Interviewed for article on terrorist threats in Hampton Roads, *Coastal Virginia Magazine*, October 2014.

Interviewed on “The Situation Room with Wolf Blitzer,” CNN, February 5, 2013.

Interviewed on “Hearsay with Cathy Lewis,” WHRO, May 3, 2011.

Interviewed for “CNU Professor Analyzes bin Laden's Death,” *Daily Press* (Hampton Roads), May 2, 2011.

Interviewed for “U.S., Hampton Roads Preparing for Possible Terrorist Retaliation,” *Daily Press* (Hampton Roads), May 2, 2011.

Interviewed in Kevin Ehaver, “Avian Flu is not a BioWeapon,” *Eesti Ekspress* (Estonia), July 31, 2008.

Radio interview, *With Good Reason*, National Public Radio, November 25, 2006.

Radio interview, *HearSay*, National Public Radio (WHRV, Norfolk), June 5, 2006.

Radio interview, Danish Broadcasting Corporation, May 24, 2006.

Highlighted in “Academic Prestige Comes at a Price,” *Virginian-Pilot* (Norfolk), May 7, 2006.

“The Iran Nuclear Crisis,” lecture for the Lifelong Learning Society of Christopher Newport University, October 17, 2005.

Book signing for *No End in Sight: The Continuing Menace of Nuclear Proliferation*, Barnes and Noble, Athens, GA, April 15, 2005.

“Iran’s Nuclear Weapons Program,” public lecture, International Study Group, Newport News, VA, April 13, 2005.

“The Continuing Menace of Nuclear Proliferation,” lecture for the Lifelong Learning Society of Christopher Newport University, March 7, 2005.

Interviewed on *It’s Your Call*, WHRO (PBS, Norfolk), December 8, 2004.

Highlighted in “Nuclear Risks Aren’t Going Away, Author Says,” *Daily Press* (Norfolk), Sept. 26, 2004.

Chronicle Colloquy, “A Bomb in Every Backyard,” a live online discussion for the *Chronicle of Higher Education*, September 1, 2004.

Interviewed in informative video for the 2004 Dwight D. Eisenhower National Security Conference, Washington D.C., September 14–15, 2004.

TEACHING EXPERIENCE

Christopher Newport University

GOVT 100, Political Thought and Society

GOVT 215, Comparative and International Politics

GOVT 338, Politics of Weapons Proliferation

GOVT 340, Might and Right Among Nations

GOVT 357, Classical Political Thought

GOVT 358, Modern Political Thought

GOVT 402, International Relations Theory and World Issues

University of Georgia

POLS 1100, Introduction to Global Issues
POLS 3200, Introduction to International Relations
POLS 4220, International Conflict
POLS 4450, Global Security Policy
POLS 4480, Special Topics: New Dimensions of International Security
POLS 4710, United Nations Practicum

Emory University (Oxford College)

Pol 110, Introduction to Political Theory

Oglethorpe University

Pol 2861, Introduction to International Affairs

University of Toronto

Teaching Assistant, Pol 200Y, Introduction to Political Theory, year-long

SERVICE AND MENTORING ACTIVITIES

University Service

Member of Faculty Review Committee, 2012–2013.
Member of Center for American Studies Advisory Council, 2006–2012.
Member of Intellectual Property Committee, 2008–2010.
Member of Undergraduate Curriculum Committee, 2006–2010.
Member of CNU Building Committee, 2006–2008.
Member of Governance Committee (reviewing representation in Faculty Senate), 2006–2007.
Member of Academic Status Committee, 2005–2007.

College of Arts and Sciences

Member of two American Studies Search Committees, 2012–2013.
Member of two American Studies Search Committees, 2011–2012.
Member of two peer review evaluation (EVAL-6) committees, 2010–2011.
Member of Philosophy Department Faculty Search committee, 2007–2008.
Member of five peer review evaluation (EVAL-6) committees, 2007–2008.
Member of two peer review evaluation (EVAL-6) committees, 2006–2007.
Member of two peer review evaluation (EVAL-6) committees, 2005.

Departmental Service

Member of American Politics/Political Theory Search, 2015.
Member of American Politics/Political Theory Search, 2013.
Member of Environmental Politics Search Committee, 2012.
Member of American Politics/Political Theory Search, 2012.
Chair of Political Theory Search Committee, 2011.
Member of International Political Economy Search Committee, 2009.
Chair of Comparative Politics Search Committee, 2007–2008.
Member of Comparative Politics Search Committee, 2006–2007.
Member of Comparative Politics Search Committee, 2005–2006.
Member of search committee for 5 faculty positions, 2004–2005.

REFEREE

International Security

Security Studies

Contemporary Security Policy

Perspectives on Political Science

SELECTED GRANTS, AWARDS, AND GIFTS

Over \$2,200,000 in grants and gifts as of March 2016

Grants over \$100,000

\$180,000 Grant from the Jack Miller Center to support CAS Post-Doctoral Fellowship, Spring 2016.

\$375,000 Grant from the TWS Foundation, to support general programming at the Center for American Studies (CAS) at Christopher Newport University, Spring 2014.

\$360,000 Grant from the TWS Foundation to support general programming at the Center for American Studies (CAS) at Christopher Newport University, Spring 2011.

\$500,000 National Endowment for the Humanities We the People Challenge Grant to Endow the Center for American Studies at Christopher Newport University, September 2008.

\$150,000 Thomas W. Smith Foundation Grant to Endow the Center for American Studies and Civic Leadership at Christopher Newport University, Spring 2008.

Grants \$75,000–25,000

\$33,000 Grant from the Earhart Foundation to Support CAS conferences and guest speakers, 2015

\$25,000 Grant from the Earhart Foundation to Support CAS conferences and guest speakers, 2013

\$50,000 Grant from the Veritas Fund to support CAS Post-Doctoral Fellowship, 2012.

\$25,000 Grant from the Earhart Foundation to Support CAS conferences and guest speakers, 2012

\$50,000 Grant from the Jack Miller Center to support CAS Post-Doctoral Fellowship, 2011.

\$25,000 Grant from the Earhart Foundation to Support CAS conferences and guest speakers, 2011

\$75,000 Miller Center to establish CAS Postdoctoral Fellowship, 2008.

Grants \$20,000 and under

\$10,000 JMC Constitution Day Grants (\$2,000 grants awarded annually for 5 consecutive years 2011–2015).

\$3,000 Grant from the Templeton Foundation to support CAS Constitution Day Debate, 2015.

\$10,000 Alexander Hamilton Society Grants to support CAS Conferences, Debates, and Guest Speakers (\$2,000 grants awarded annually for 5 consecutive years 2011–2015)

\$10,000 Grant from the Veritas Fund to CAS Pre-Doctoral Fellowship Program, June 2010.

\$5,000 Grant from the Jack Miller Center to CAS Pre-Doctoral Fellowship, June 2010.

\$10,000 Miller Center Competitive Center-Building Grant to establish plan for the creation for an American Studies Center at Christopher Newport University; December 2006.

Corporate Sponsorships and Gifts

\$80,500 in Corporate Sponsorships for CAS 2016 Symposium on Homeland Security.

\$33,000 in personal gifts from CAS Board Members, 2015.

\$57,500 in Corporate Sponsorships for CAS 2015 Symposium on Homeland Security.

\$10,000 in Corporate Sponsorships for CAS 2014 Symposium on Homeland Security.

\$17,000 in Corporate Sponsorships for CAS 2013 Workshop on Intelligence and National Security.

\$42,000 in Corporate Sponsorships for CAS 2012 Symposium on Homeland Security.

\$11,500 in Corporate Sponsorships for CAS 2012 Workshop on Intelligence and National Security.

\$4,500 in Corporate Sponsorships for CAS 2012 Constitution Day event.

\$20,000 in Corporate Sponsorships for CAS 2010 Workshop on Intelligence and National Security.

\$5,000 Gift from Thomas F. McLarty to support CAS programming and endowment, 2008.

Gift from the Liberty Fund, over 600 hardcover books to the Tribble Library (over an \$18,000 value), 2008.

Faculty Development Grants / Dean's Office Grants

Faculty Development Grant; \$1,000 to pay for book indexing, Spring 2014.

Faculty Development Grant; \$1,100 to pay for book indexing, Fall 2013.

Faculty Development Grant; \$1,000 to pay for book indexing, Spring 2007.

Dean's Office Grants; course load reduction/summer stipend to aid in scholarly research, Summer 2008, Spring 2008, Spring 2007, Summer 2005.

FELLOWSHIPS, HONORS, AND AWARDS

Nominated by Christopher Newport University for the State Council on Higher Education in Virginia (SCHEV) Outstanding Faculty Award (2014, 2015)

Sabbatical, Spring 2012

Nominated for the SGA Professor of the Year, Christopher Newport University, 2005, 2007

Funding to attend the Lehrman Summer Institute, from the Intercollegiate Studies Institute (\$2,000), 2006.

Harris Manchester (Oxford University) Summer Research Institute Scholar, 2005

Research Fellowship, Belfer Center for Science and International Affairs, Kennedy School of Government, Harvard University, 2000–2001

Political Science Department Open Fellowship, University of Toronto, 2000–2001, 1999–2000

Olin Foundation Fellowship, 1999–2000, 1996–1997

The Mary H. Beatty Honorary Fellowship, 1997–1998

Earhart Foundation Fellowship, 1995–1997

Bradley Foundation Fellowship, 1995–1996

The J. Michael Kyne Memorial Prize in Political Science, 1993

REFERENCES

Quentin Kidd, Vice Provost and Professor of Government, CNU, qkidd@cnu.edu

Robert Colvin, Dean, College of Social Sciences, CNU, rcolvin@cnu.edu

Joseph Pilat, Senior Advisor, National Security Office, Los Alamos National Laboratory, jpilat@lanl.gov

Gary Bertsch, University Professor of Political Science, University of Georgia, gbertsch@uga.edu

David Welch, CIGI Chair of Global Security, University of Waterloo, david@davidwelch.ca